



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/004,006	11/28/2001	Kazunori Horachi	FUJH 19.201	6944
7590	12/08/2005		EXAMINER	
Rosenman & Colin LLP 575 Madison Avenue New York, NY 10022-2585				QURESHI, AFSAR M
		ART UNIT		PAPER NUMBER
		2667		

DATE MAILED: 12/08/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/004,006	HORACHI, KAZUNORI	
	<b>Examiner</b>	<b>Art Unit</b>	
	Afsar M. Qureshi	2667	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 29 September 2005.
- 2a) This action is FINAL.                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1-12 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All    b) Some \* c) None of:
1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | Paper No(s)/Mail Date. _____.   |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>11/28/2001</u> . | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
|   | 6) <input type="checkbox"/> Other: _____.                                   |

***Response to Amendment***

1. Responsive to communication, dated 9/29/2005, amended claims have been entered as requested. Amended drawings are acceptable and entered accordingly.

***Response to Arguments***

2. Applicant's arguments filed 9/29/2005 have been fully considered but they are not persuasive. The Applicant argued that the cited art, Small et al. (US 6,078,649) does not teach the "controller setting switch options for the switching equipment interface units, the control path unit and the ISDN subscriber interface unit, so that the switch options are the same as corresponding to the digital switching equipment connected to the subscriber transmission equipment".

Examiner believes these limitations are met, by the cited art, in the areas disclosed in Office action, rejection of claims 1-12 (col. 5, lines 39-46 and col. 1, line 45). In addition to these references, the above limitation can also be read in reference to col. 6, lines 35-66 where setting switch options are corresponding to the digital switching equipment.

The amendments made herein have made the claim language clearer but fail to place said claims in condition for allowance.

3. **The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.**

Art Unit: 2667

4. Claims 1-12 are rejected under 35 U.S.C. 102 (e) as being anticipated by Small et al. (US 6,078,649).

Claims 1-4 and 7. Small discloses a subscriber loop alarm monitoring system including, subscriber loop connection (see col. 8, line 8), a controller 64 (fig. 5) for handling alarm status indicators (col. 5, lines 39-46), a PSTN switch connected to the controller, where the controller i64 operates the alarm notification (see col. 5, lines 37-47 and col. 6, lines 35-66). The subscriber interfaces are ISDN (see col. 1, line 45).

Claims 5 and 6. Small discloses using TR-303 standard are being utilized (col. 1, line 35). Also using the Bellcore TR-303 standard in addition to SONET, ASDL, Hercules and CHATLOS standards (see col. 1, through col. 3, lines 1-4).

Claim 8. Small teaches using a plurality of different channels and modes (see fig. 3).

Claim 9. Small further discloses at least two interfaces for alarms in one card 31 (fig. 3).

Claims 10-12. Small teaches an analog sensor terminator used to detect certain fault conditions that include uninstalled, disconnected and power-off states (e.g., power 34, battery 35, environment 36 and equipment 37, Also see fig. 3).

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Afsar M. Qureshi whose telephone number is (571) 272 3178.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chi Pham can be reached on (571) 272 3179. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



AFSAR QURESHI  
PRIMARY EXAMINER

12/6/2005